

ID Num:	Jeffamine DA on-site	CEM Inputs	
Product:	unknown	Chemical Name:	Jeffamine DA
Scenario:	Bar Soap	Population:	Adult
Molecular Weight (g/mole)	1000		
Consumer Product Weight Fraction - Central Tendency	0.02	Consumer Product Weight Fraction - High-End	0.02

**Inhalation Inputs**

There are no Inhalation inputs for this scenario.

**Activity Patterns**

There are no activity pattern data for this scenario

**Dermal Inputs**

Frequency of Use - Body (events/yr) Chronic	329	SA/BW - Body (cm2/kg)	242
Frequency of use - Body (events/day) acute	1		
Frequency of Use - Hands (events/yr) Chronic	730	SA/BW - Hands (cm2/kg)	12.3
Frequency of use - Hands (events/day) acute	2		
Amount Retained/Absorbed to Skin (g/cm2-event)		9.22e-06	
Exposure Duration (chronic) years	57		
Exposure Duration (acute) days	1		
Averaging Time (chronic)	2.85e+04	days	
Averaging Time (acute)	1.00e+00	days	



CEM Dermal Exposure Estimates

ID Num: Jeffamine DA on-site Product: unknown

Scenario: Bar Soap Population: Adult

Exposure Duration (years) chronic 57  
 Exposure Duration (days) acute 1  
 SA/BW Body (cm<sup>2</sup>/kg) 242 SA/BW Hand (cm<sup>2</sup>/kg)  
 Frequency of Use - Body (events/year) chronic 329 Frequency of Use - Hand (events/year) chronic 12.3  
 Frequency of Use - Body (events/day) acute 1 Frequency of Use - Hand (events/day) acute 2

Exposure Units	Result	AT (days)
Chronic, Cancer		
LADD <sub>pot</sub> (mg/kg-day)	3.27e-02	2.85e+04
Acute		
ADR <sub>pot</sub> (mg/kg-day)	4.92e-02	1.00e+00

LADD<sub>pot</sub> - Lifetime Average Daily Dose (mg/kg-day)

ADR<sub>pot</sub> - Acute Dose Rate (mg/kg-day)

pot - Potential Dose

Note: 78 years = 2.85e+04 days

Note: The general Agency guidance for assessing short-term, infrequent events (for most chemicals, an exposure of less than 24 hours that occurs no more frequently than monthly) is to treat such events as independent, acute exposures rather than as a chronic exposure. (Methods for Exposure-Response Analysis for Acute Inhalation Exposure to Chemicals (External Review Draft), EPA/600/R-98/051, April 1998)

Comments: